

FIG. 2A

SIGNAL CLEAVAGE SITE

MGKFTVVAAALLLGAVRAE-GSS-

LGGDCC-PQMLRELQETNAALQDVRELLRQQVKEITFLKNTVMECDACG-MQPARTPGTS-

PQPQKPQPQPQPQPQKPEPE-GTGSSE-KDEL

FIG. 2B

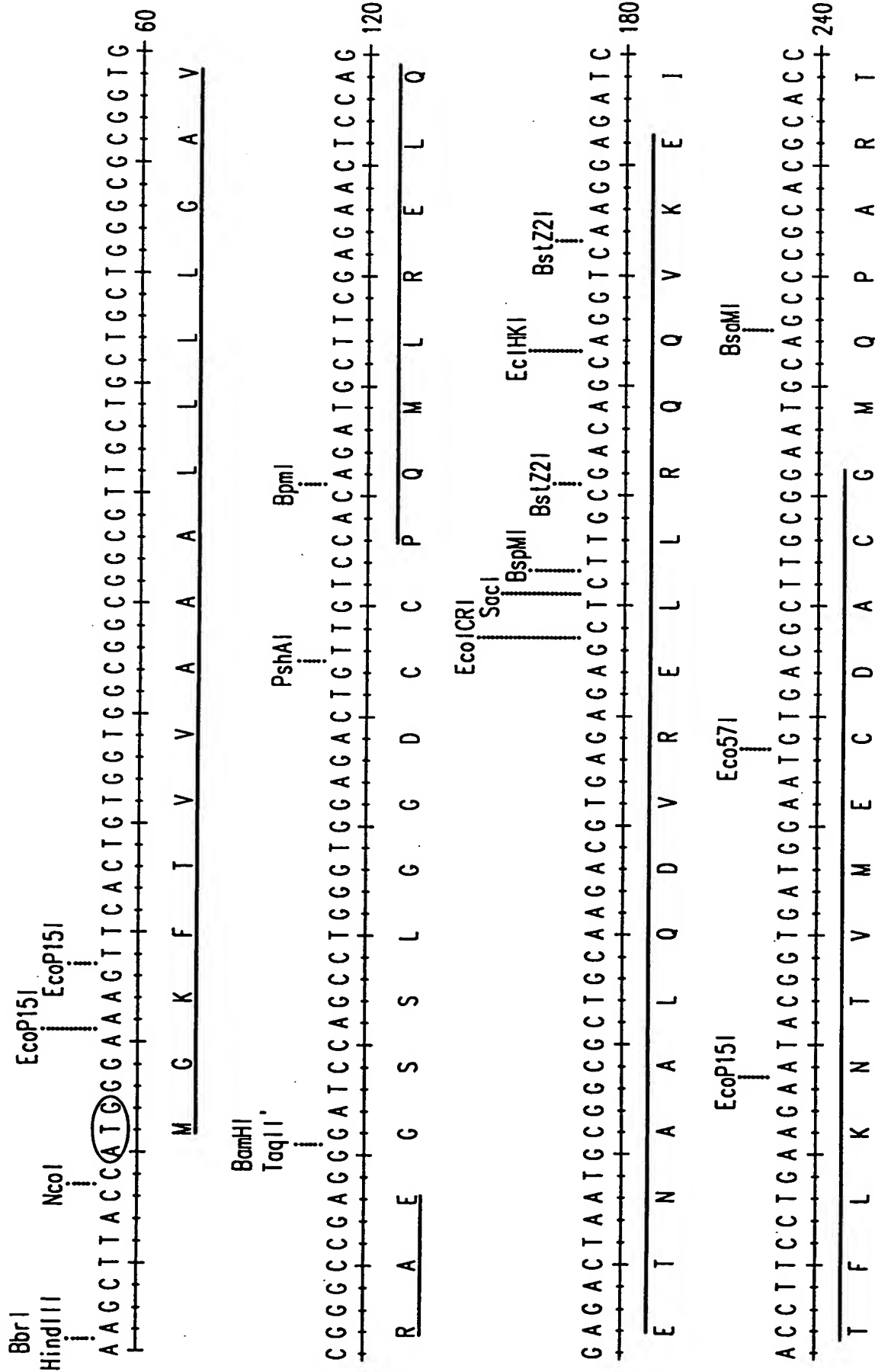


FIG. 2C

SpeI

CCCCGTTACTAGTCCGCAGCCCGCAGCCCGAACC CGCAGCCCGCAGCCCGCAAGCCGAA

P C T S P Q P Q P K P Q P Q P Q P Q K

300

Acc65I  
 KpnI  
 Eco52I  
 360  
 CCGCAGCCGAACCGGAACCGGAAGGTACCGGATCATCAGAAAGATGAGTGTAGCCG  
 P Q P K P E P E G T G S S E K D E L

Restriction map of the 387 bp DNA fragment. The map shows the following restriction sites from left to right: NdeI, Ppu10I, BfrBI, NsiI, XhoI, EcoRI, and SclI. The DNA sequence is G C C C G A G A A T T C C A T A T G C A T C T C G A G. The fragment size is 387 bp.

FIG. 2D



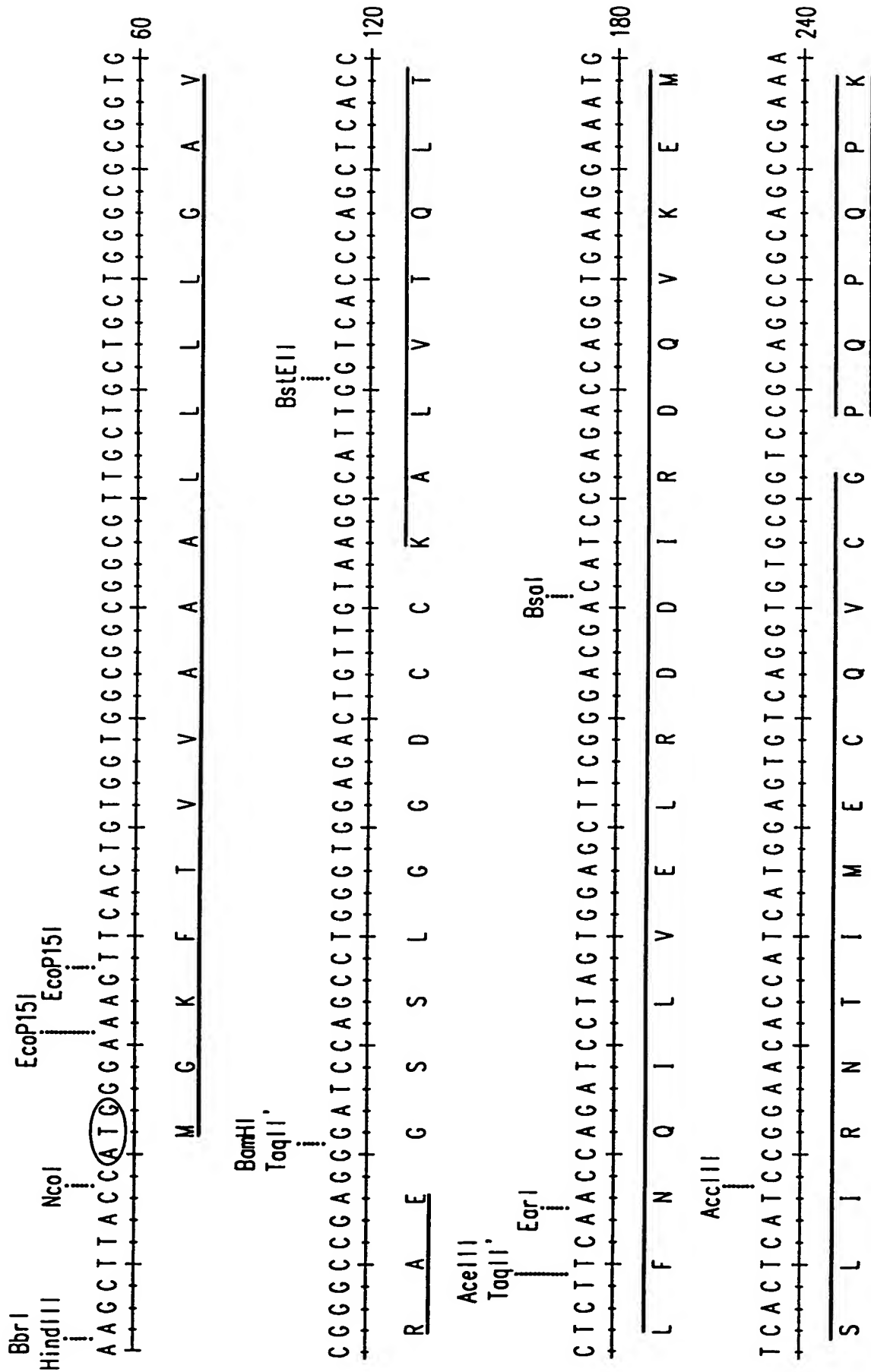


FIG. 3C







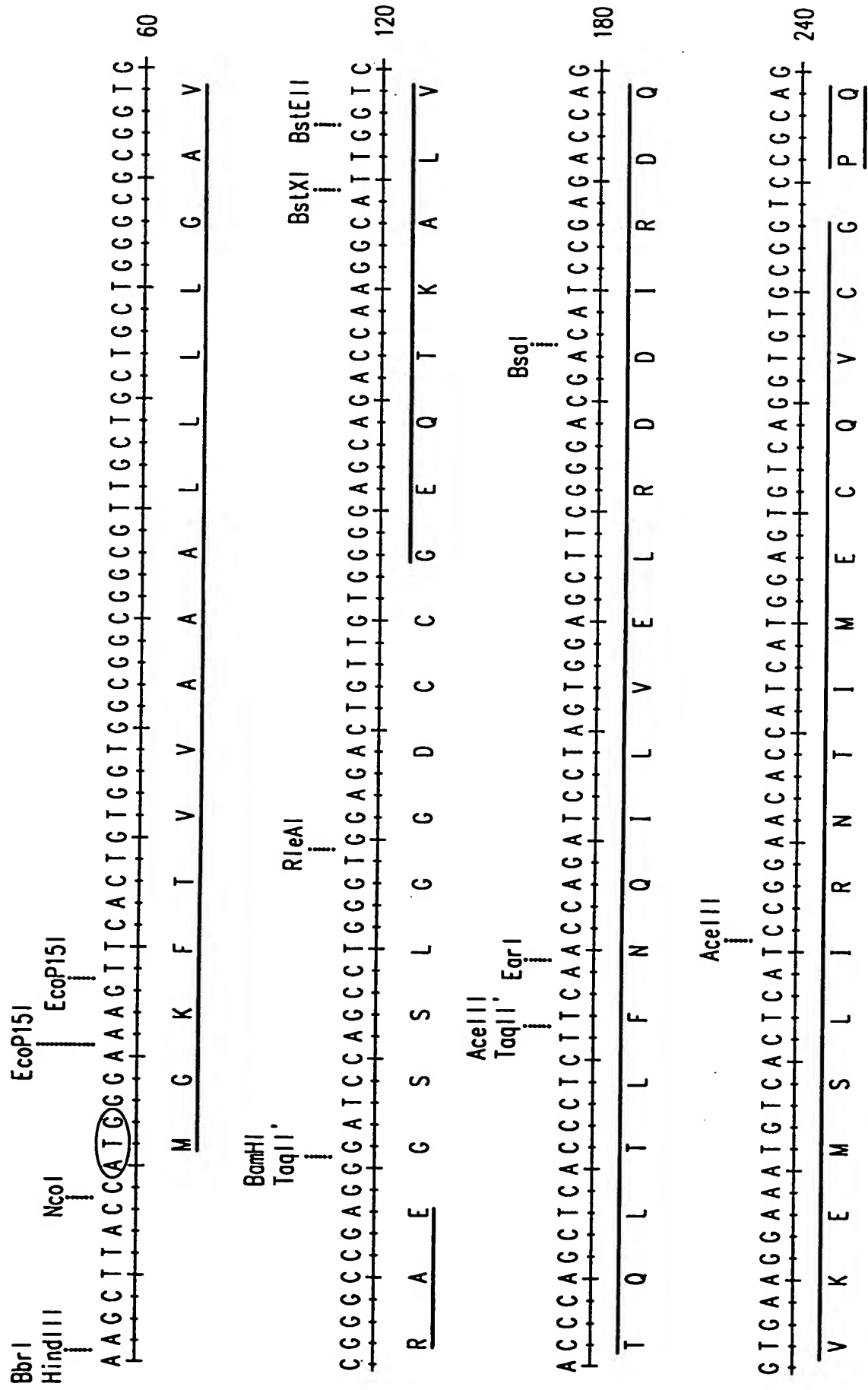


FIG. 4C



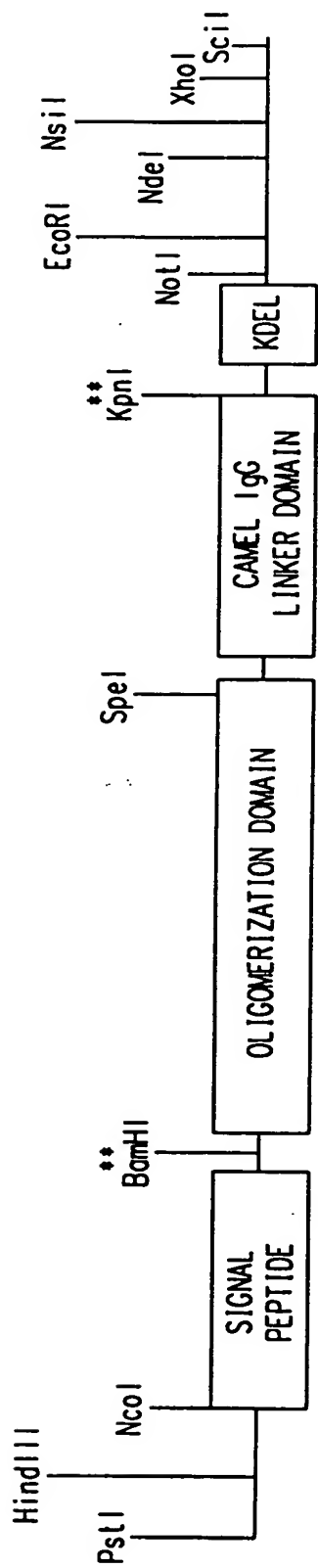


FIG. 5A

SIGNAL CLEAVAGE SITE

M G K F T V A A L L L G A V R A E - G S S -

L G G D C C - G D V S R Q L I G Q I T Q M N Q M L G E L R D V M R Q Q V K E T M F L R N T I A E C Q A C G -

P Q P Q K P Q P Q P Q P K P Q P K P E P E - G T G S S E - K D E L

FIG. 5B

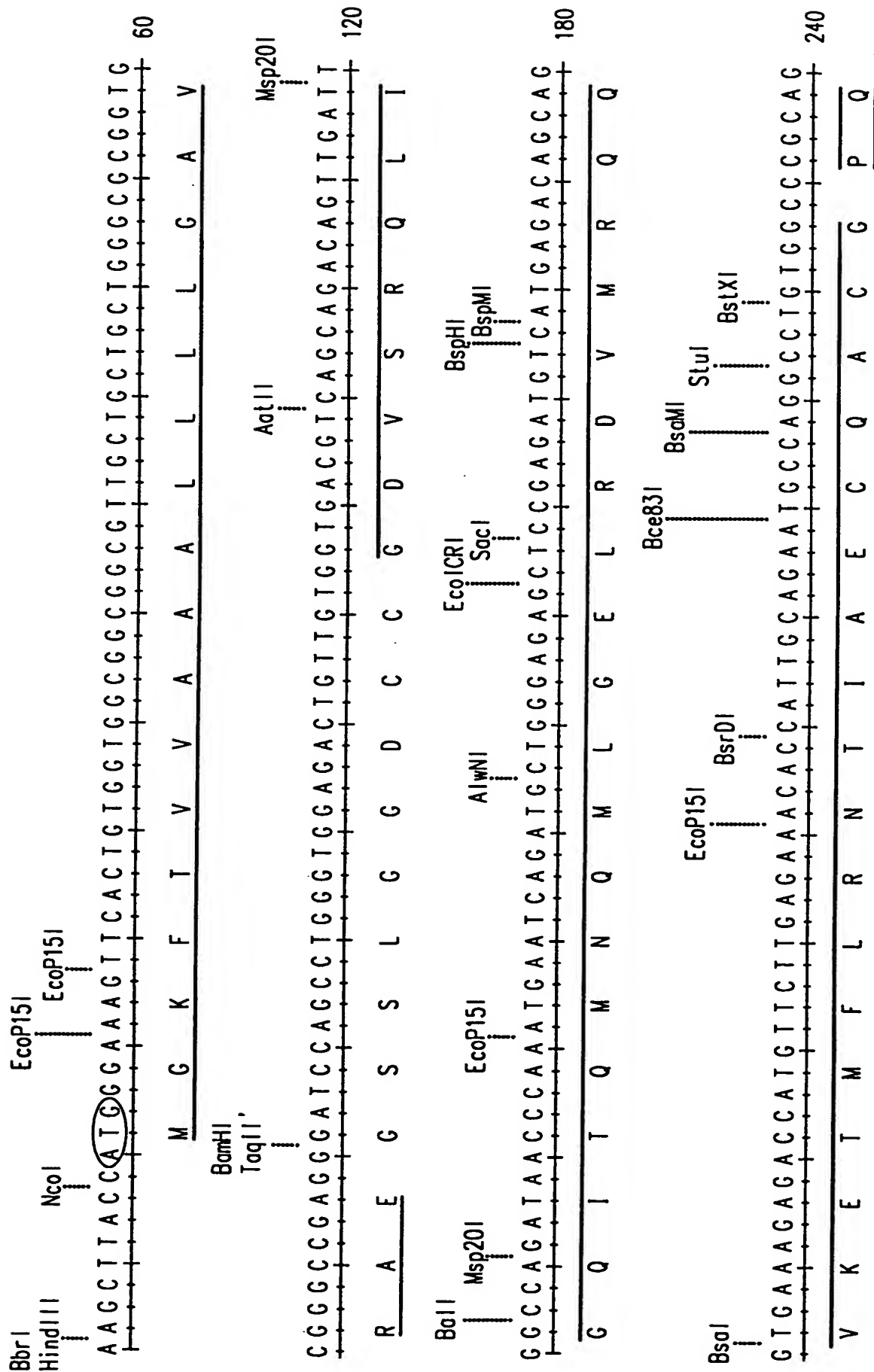
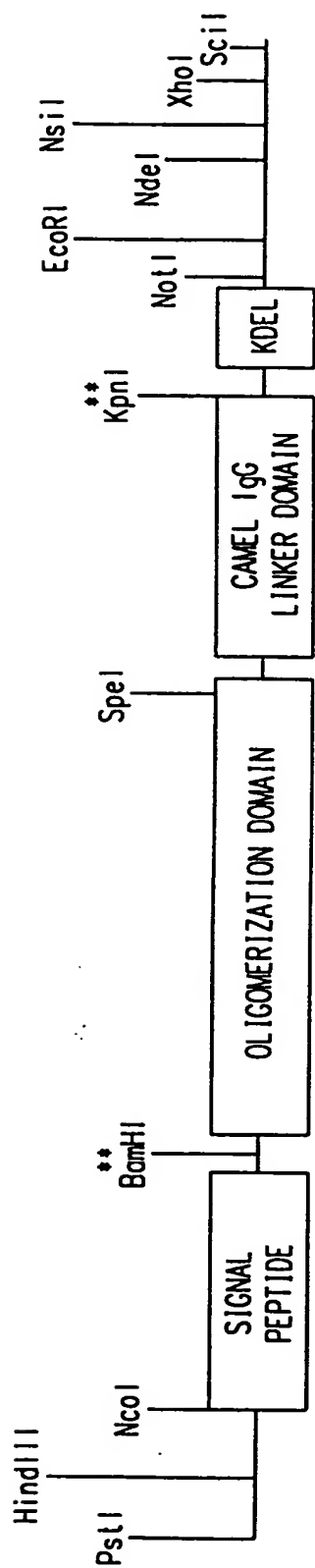


FIG. 5C





**FIG. 6A**

**SIGNAL CLEAVAGE SITE**

MRYMILGLLALA A VCSAAKK-GSS-

LGGDCC-SDLC PQMLRELQETNAALQDV RDWLRQQVREITFLKNTVM ECDACC-

PQPQKPQQPQPQPQPQPQPQPQPQPQPQPQPQP-GTGSSE-KDEL

**FIG. 6B**



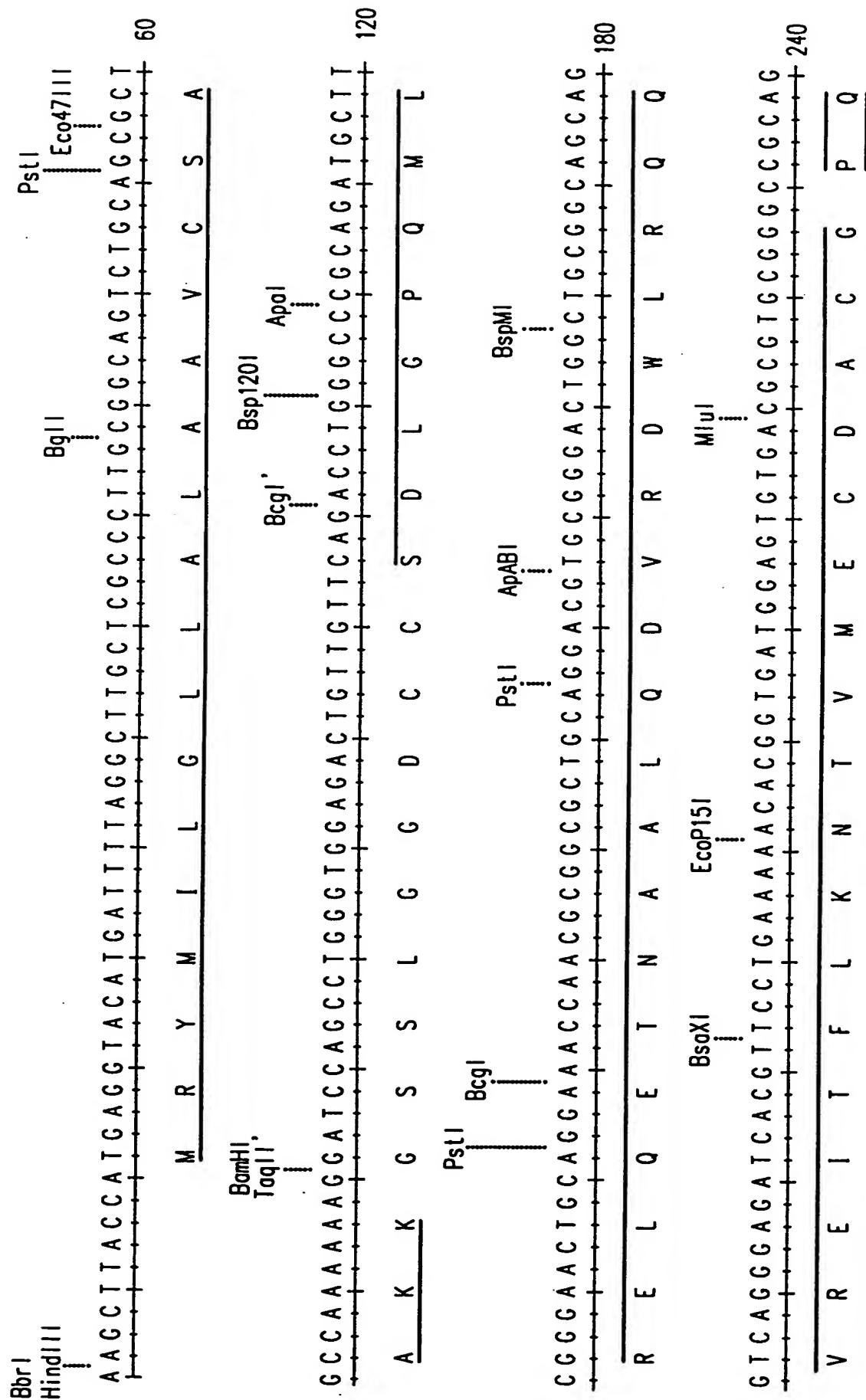


FIG. 6C



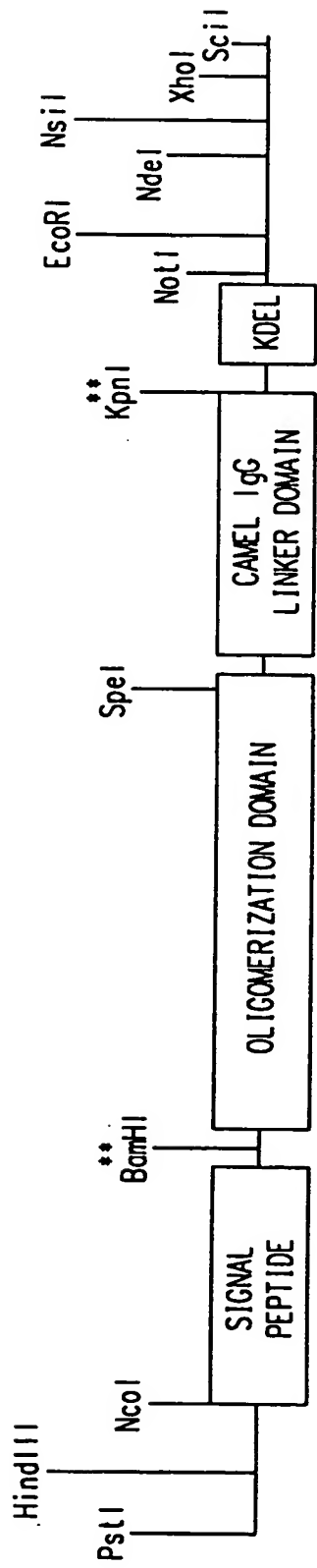


FIG. 7A

SIGNAL CLEAVAGE SITE

M R Y M I L G L L A L A A V C S A A K K - G S S -

L G G D C C - Q K L Q N L F I N F C I I L I C L L I C I I V M L L -

P Q P Q K P Q P Q P Q P Q P K P Q P K P E P E - G T G S S E - K D E L

• RESIDUES CRITICAL FOR PENTAMER FORMATION

FIG. 7B

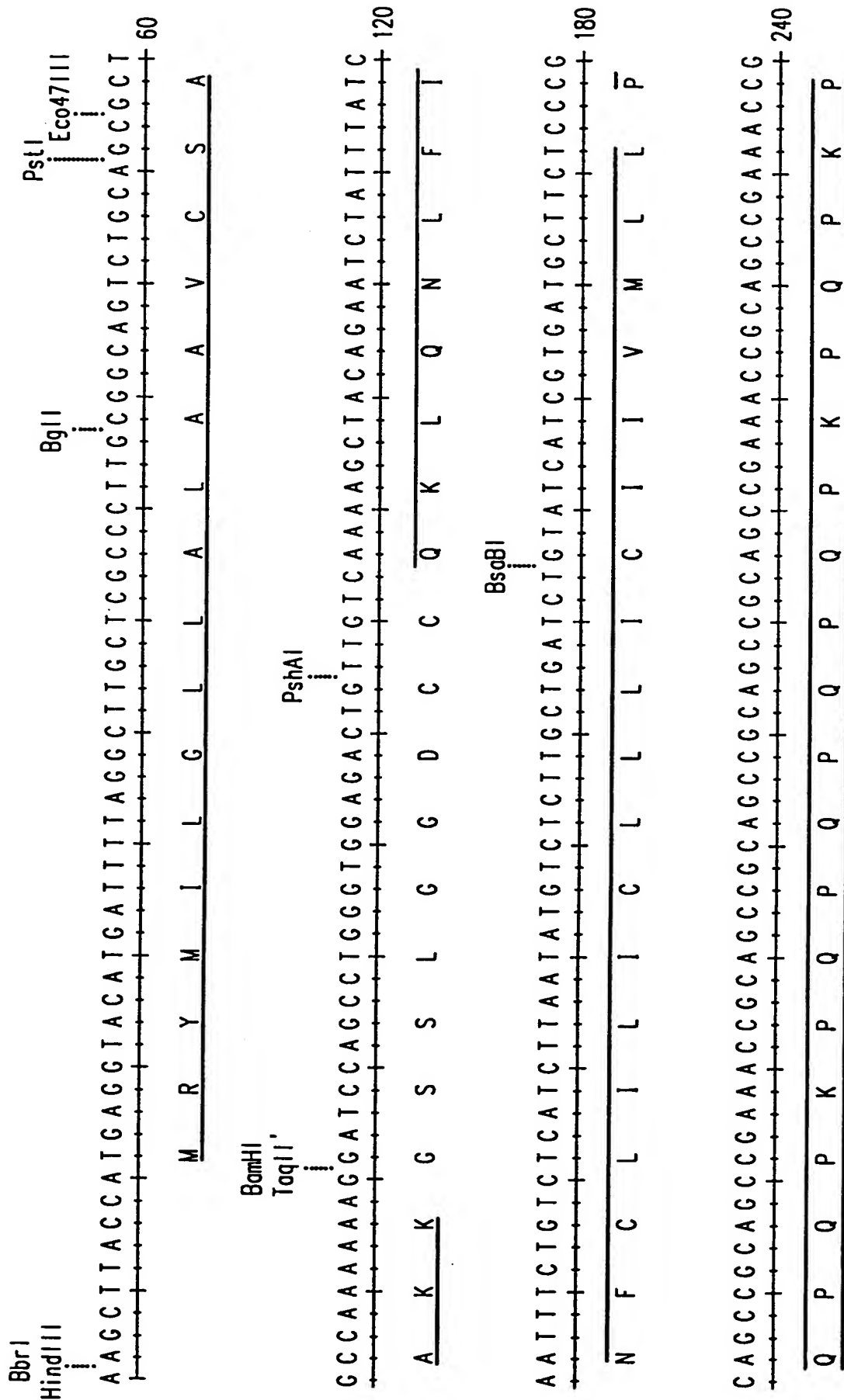


FIG. 7C

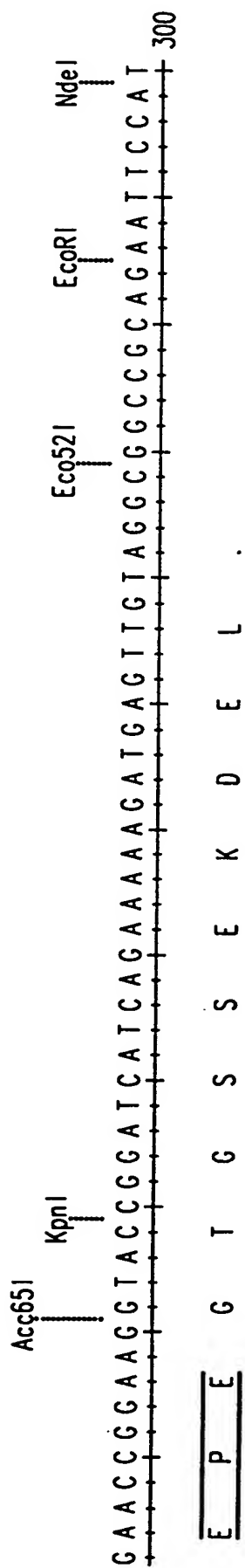
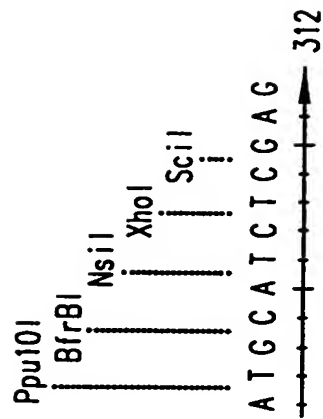


FIG. 7D



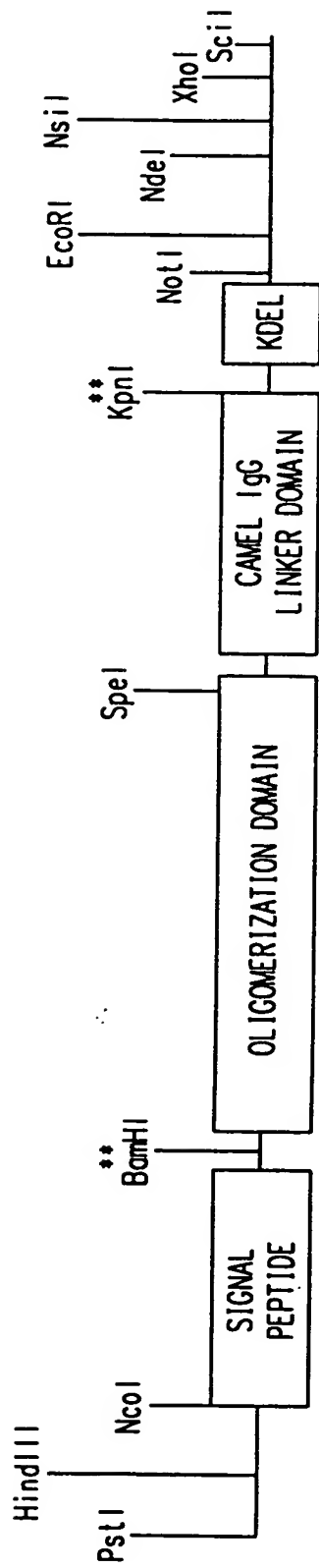


FIG. 8A

SIGNAL CLEAVAGE SITE

M R Y M I L G L L A L A A V C S A A K K - G S S -

L G G D C C - G E Q T K A L V T Q L T L F N Q I L V E L R D D I R D Q Q V K E M S L I R N T I M E C Q V C G -

P Q P Q K P Q P Q P Q P Q P K P Q P K P E P E - G T G S S E - K D E L

FIG. 8B

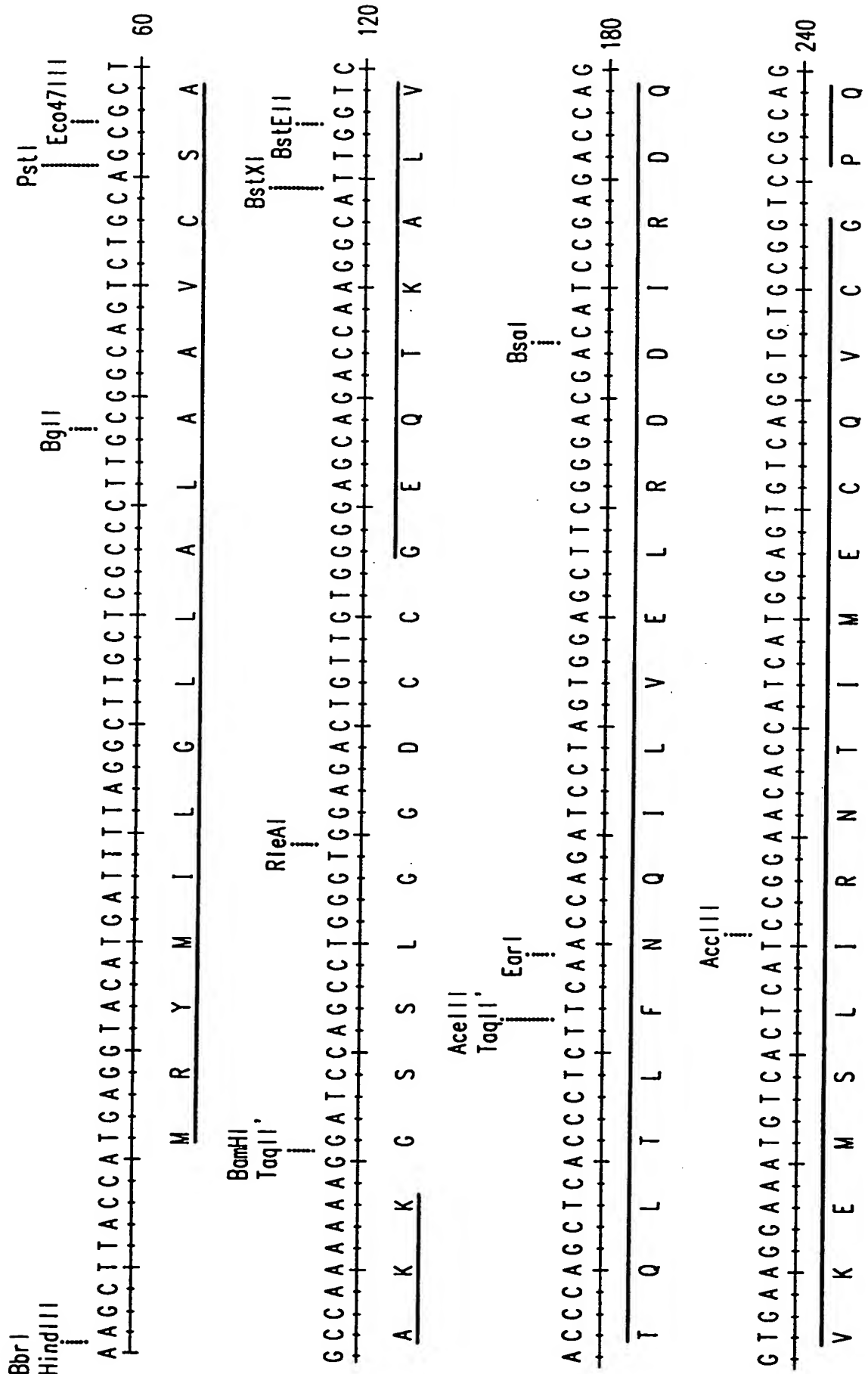


FIG. 8C

P Q P K P Q P Q P Q P Q P Q P Q P Q P E

CCGGAAGGTACCGGATCATCAGAAAGATGAGTTGTAGCCGCCGACAAATTC CATATC  
 NdeI Ppu10I BfrBI  
 EcoRI  
 Eco52I  
 KpnI  
 Acc65I  
 360

PE C T C S S E K D E L .

Diagram illustrating the restriction enzyme sites for NsiI, XhoI, and SclI on the DNA sequence CATCTCGAG. The NsiI site is located at the beginning of the sequence, followed by the XhoI site, and then the SclI site. The sequence ends with the codon CGAG, which is labeled as 369.

FIG. 8D



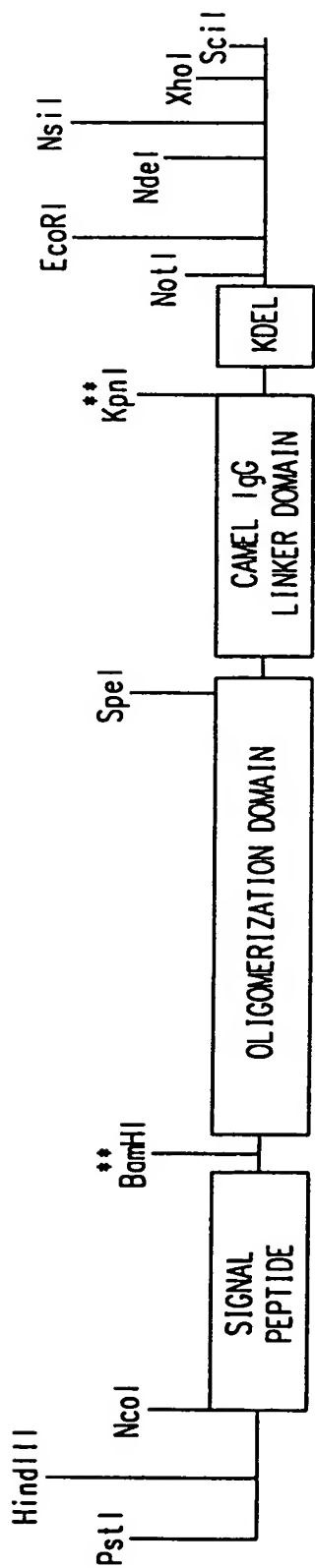


FIG. 9A

SIGNAL CLEAVAGE SITE

M R Y M I L G L L A L A A V C S A A K K - G S S -

L G G D C C - G D F N R Q F L G Q M T Q L N Q L L G E V K D L L R Q Q V K E T S F L R N T I A E C Q A C G -

P Q P Q P K P Q P Q P Q P K P Q P K P E P E - G T G S S E - K D E L

FIG. 9B

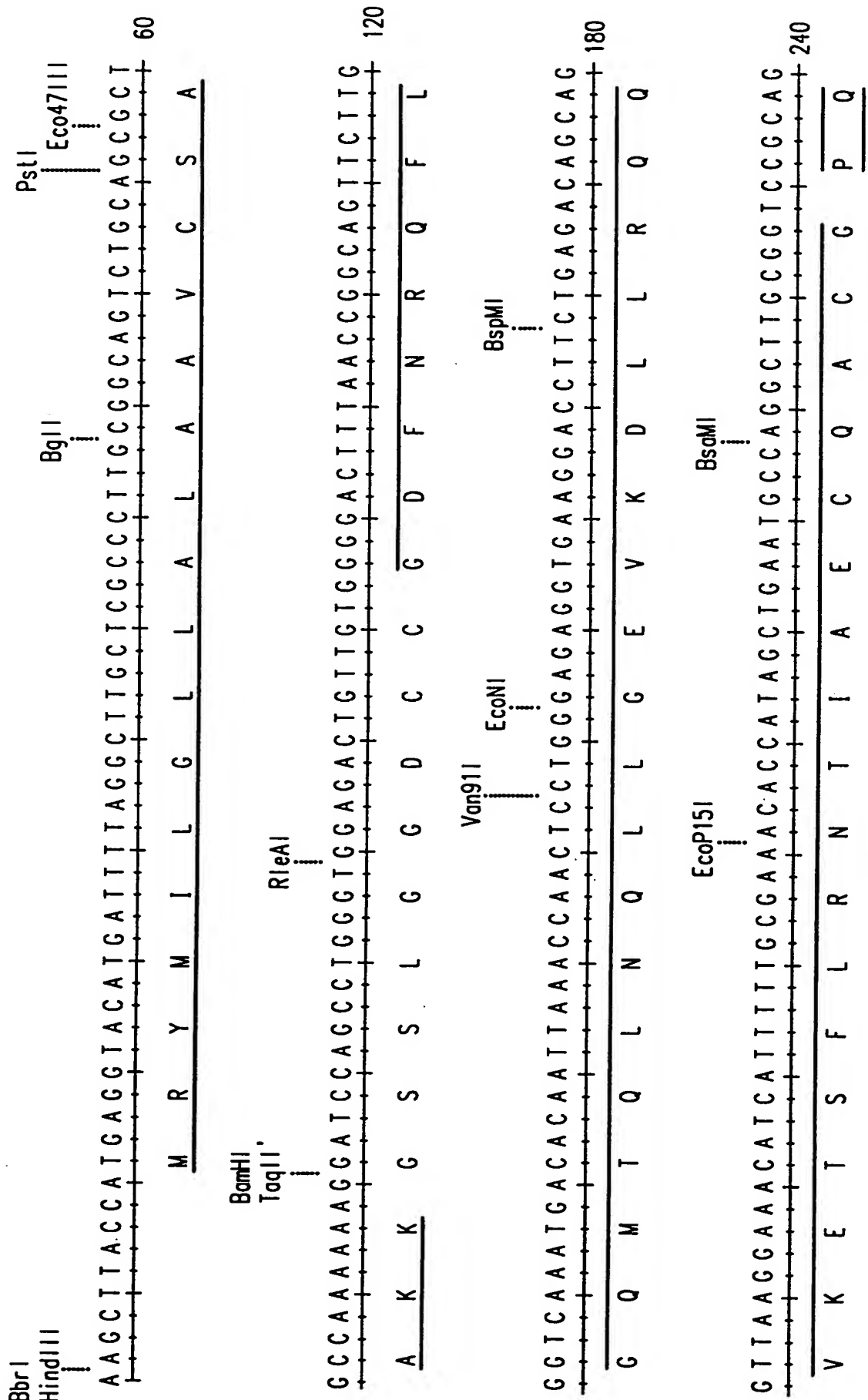


FIG. 9C

CCGCAGCCGAAACCCGAGCCGCGCAGCCGCAACCCGAGCCGCAACCCGGA 300

P Q P K P Q P Q P Q P Q P Q P Q P K P E

+

CCGGAAGGTACCGGATCATCAGAAAGAATGAGTTGTAGCGCGCCGAGCAATTCATATG 360

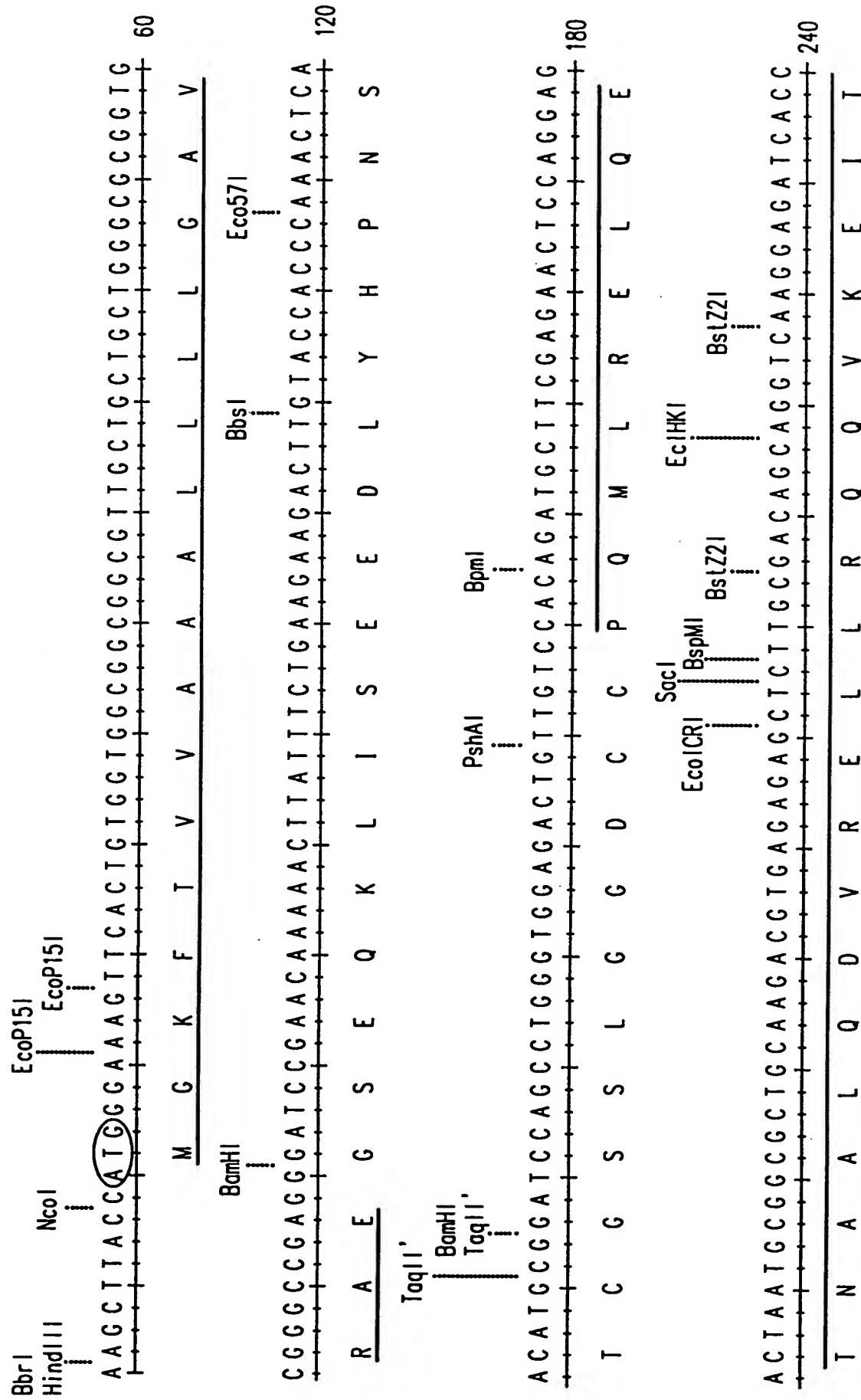
Acc65I KpnI NdeI Ppu10I BfrBI Eco52I EcoRI

P E G T G S S E K D E L

NsiI XhoI SclI CATCTCGAG 369

FIG. 9D





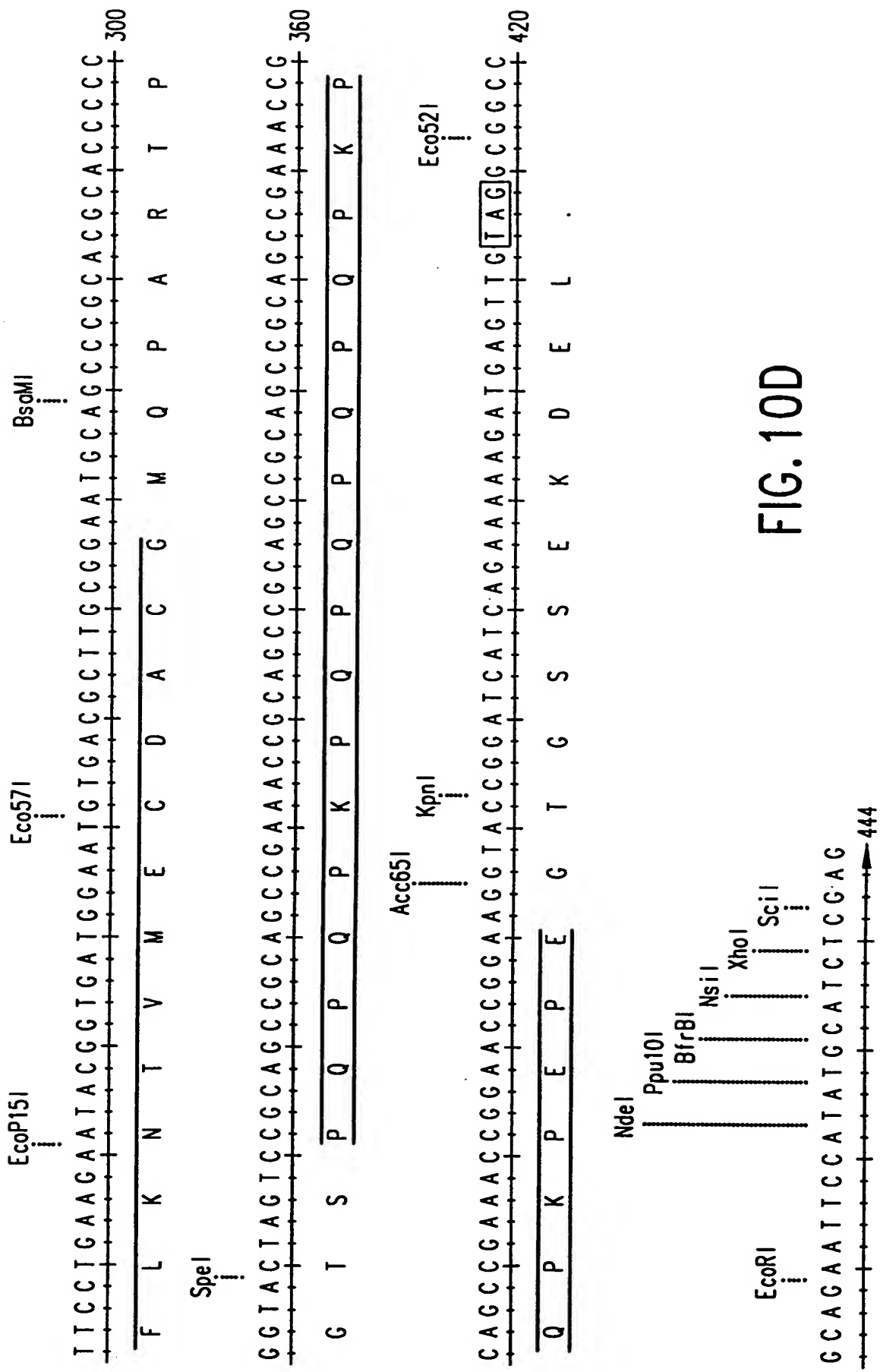


FIG. 10D